Lesson Reflection: Ice Cream Lab

Scienteers – Shane Hollandsworth (TL), Stephanie Alexander, Emily Crook

**1. What was your favorite part of the lesson?**

S – I liked the opportunity to discuss chemical/ physical changes and states of matter while demonstrating with milk, sugar, condensed milk, and vanilla. This provided great discussion among class. Students would question one another and provide corrective feedback.

E – My favorite part if the lesson was watching the students enjoy learning. They were all involved and excited about learning.

**2. What worked well for the students?**

S – The students loved the hands-on experience. A deeper understanding of states of matter and chemical/ physical changes was attained.

E – Talking about the objectives and skills before letting them get started.

**3. Why is this important?**

S –Providing a hands-on learning experience allows students to see and touch what they are learning which leads to a better understanding of content.

E – If I had let them start making ice cream before I went over the objectives I think the students would have been too excited to even listen to me.

**4. What will you do in the future to improve the chance of this happening again?**

S – I will teach matter, chemical/physical changes, and properties of matter earlier in the year so that the activity can be done outside. Students will use tools to measure quantities of each ingredient.

E – I have taught long enough to know that with a lab or project that the students get excited about it. It is always important to get your information out to them first before you let them get started.

**5. Other comments or suggestions?**

S – Students could measure mass and volume of each ingredient then calculate density of each.

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